tesa® 54140 UV Strips
UV Strips

tesa® 54140 UV Strips are multilayer photosensitive die-cuts. tesa® 54140 is made of a UV photosensitive polymer film, a PET single-sided self-adhesive backing and a flat-back release paper. tesa® 54140 comes with a Hoenle UV Scan for precise determination of color change and subsequent determination of exposed UV dosage.

tesa® 54140 features:
▪ High sensitivity to UVC and UVB light
▪ Excellent adhesion on paper and filmic substrates
▪ Low product thickness
▪ Flexible product design

The innovative tape composition includes the following functions:
▪ Color-changing photosensitive detection film (changes from transparent to pink after exposure)
▪ Easy to fix properties makes it usable even at vertical web paths
▪ Easy to peel off, due to finger-lift design
▪ Non-stick properties of photosensitive film after peeling

Strip size: 70mm (length), 19mm (width)

Sealed strips must be stored between 15°C – 40 °C (short-term 60°C)
Measurement with UV Scan 3 min to 2 hours after exposure to UV source

Thickness: 150 µm
Linear Detection Range: 15 – 200 mJ/cm²
Preciseness: ± (5 mJ/cm² + 15 % relative to value)

Main Application

tesa® 54140 is particularly suitable as quality reference tool for all kind of printing techniques with UV-light in use:
▪ Narrow web printing
▪ Sheet fed printing
▪ Large format inkjet printing
▪ Liquid cup / 3D printing
▪ etc.

For latest information on this product please visit http://l.tesa.com/?ip=54140

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